

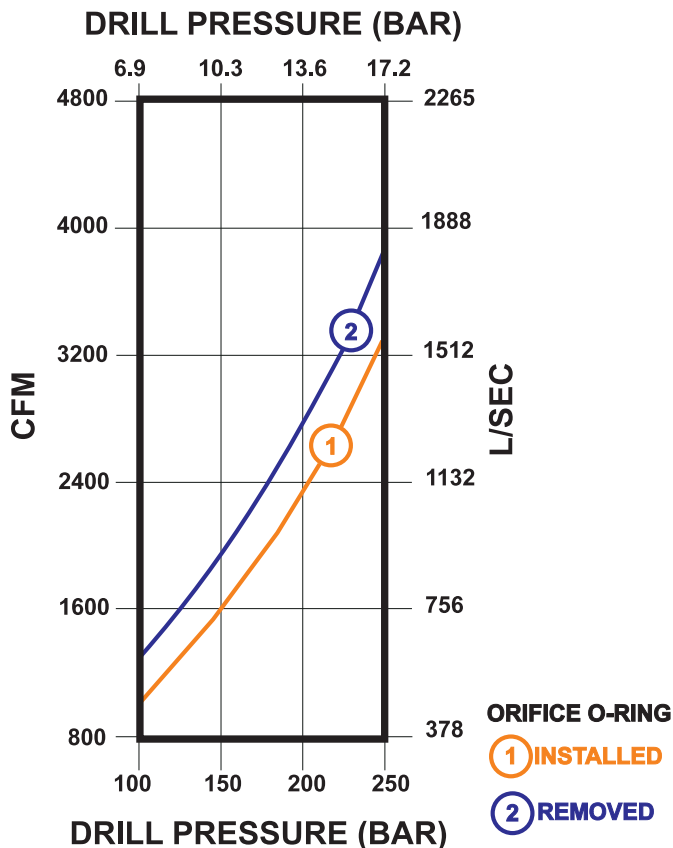


# Champion<sup>®</sup> RC160 Down Hole Hammer

## FEATURES

- Valveless down hole hammer design
- Ability to drill efficiently against high heads of water
- Designed to operate at pressures to 200 PSI (13.6 Bar)
- Superior directional stability in horizontal applications
- Ejecting cuttings through the collection tube eliminates traditional hole cleaning problems
- Environmentally sensitive - no foam required for hole cleaning and lubricants are not free to contaminate the formation
- Typical vertical and horizontal applications include: caissons, piles/rock sockets, tunneling under roads, foundation drilling and other jobs where large volume rock excavation is required

## AIR CONSUMPTION



## SPECIFICATIONS

Diameter	15-1/2"	394 mm
Bore	12"	305 mm
Stroke	5"	127 mm
Weight (Hammer only)	2875 lbs.	1304 kg
Length (Shoulder to Shoulder)	81-3/4"	208 cm
Length (Shoulder to Bit Face)	91-3/4"	233 cm

Several backhead threads available

- 950 blows per minute at 200 PSI (13.6 Bar)
- Suitable for drilling holes from 16" to 20" (406 mm to 508 mm) in diameter
- Accepts RC160 bit shank

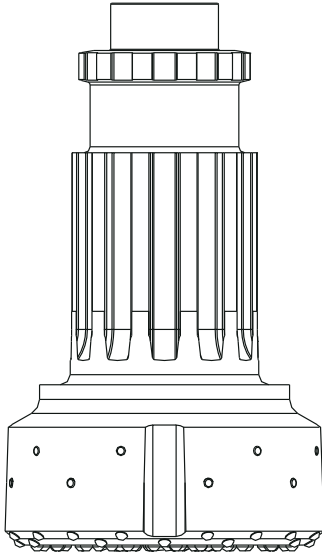
# Down Hole Button Bits

## Champion® RC160

**DIAMETER**  
inches (millimeters)

**WEIGHT\***  
pounds (kilograms)

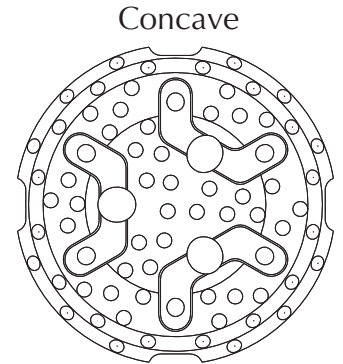
**FACES AVAILABLE**



RC160 Bit Shank

DIAMETER	inches (millimeters)	WEIGHT*	pounds (kilograms)
16"	(406 mm)	950 lbs.	(431 kg)
18"	(457 mm)	1100 lbs.	(499 kg)
20"	(508 mm)	1121 lbs.	(510 kg)

\* Bit weights are approximate



## FEATURES

- Concave face design for advanced hole cleaning capabilities
- 3/4" (19 mm) diameter carbide buttons throughout face
- Several grades and types of carbide are available
- Significantly larger spline area for exceptional strength and transfer of torque
- Plate drive system for increased spline life
- Side wear buttons are standard on all bits
- Other bit sizes may be available upon request

### For More Information Contact:

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